

THORN

LIGHTING



NIGHTSIGHT

The modular solution enabling precision control of outdoor lighting



A VERSATILE LUMINAIRE SYSTEM

WITH GROUND BREAKING VISUAL COMFORT

GROUND BREAKING VISUAL COMFORT

Nightsight achieves excellent visual comfort by carefully controlling the direction of the light and minimising the contrast between the LED light points and the space around them. While the opal grid reduces glare to a minimum, the free-form patented optics provide efficient wide light distributions, optimised for mixed-user areas like residential streets, cycleways and pathways, with highest demands on facial recognition and safety.

A FLEXIBLE MODULAR SYSTEM

Versatile lighting tools allow for outstanding creative freedom and offer the perfect solution for a wide range of applications. Different installation options support a flexible modular system that fulfils all design wishes and lighting functions in exterior areas with a single consistent style and offers sufficient flexibility for on-site fine-tuning.

RELIABLE AND EFFECTIVE IN ALL OUTDOOR SITUATIONS

Nightsight's high quality materials ensure long-lasting performance and reliability, from area and street applications to tougher environments like riversides and coastal areas. With a closed lighting unit – even during installation – Nightsight is one of the best protected decorative luminaires in its class. With intuitive connectors and accessories, the luminaire can be reliably installed on the tops or sides of poles (either round or square), and on walls and other surfaces.

APPLICATIONS



BUILDING
SURROUNDS &
SQUARES



RESIDENTAL
STREETS & MIXED
USER AREAS



PARKS,
PROMENADES &
PATHWAYS



CONTROLS: DALI, DMX,
SWITCHDIM, INCITY (RF SYSTEM)

NIGHTSIGHT – AREA AND STREET



16L SRW

32L SRW

16L SRP

32L SRP

NIGHTSIGHT – FLOODLIGHTS



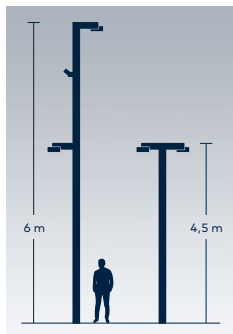
4L FSS

16L FRS

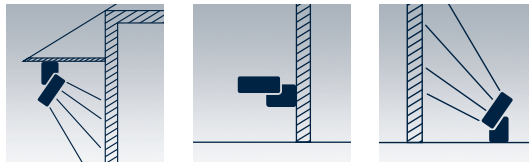
16L FSS

32L FRS

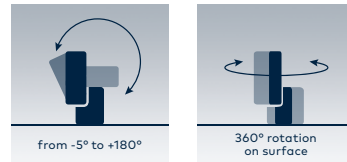
SRW Luminaire for street lighting, rectangular shaped, wall mounted
SRP Luminaire for street lighting, rectangular shaped, pole mounted
FSS Floodlight, square shaped, surface mounted
FRS Floodlight, rectangular shaped, surface mounted



MOUNTING OPTIONS



ROTATION OPTIONS



TECHNICAL DATA



MATERIALS AND FINISH

- High quality die-cast aluminium EN-AC 44300, glass
- IP66-sealed housing with Plug&Play connectors
- Front: IK08 safety glass with accessory for IK10
- Corrosion resistant materials
- ANT (Anthracite sanded - standard), CHM (Charcoal), WHM (White Matte) finishes
- Additional colours on request
- Optic designed to reduce perceived glare
- Plug&Play connectors or pre-wired

INSTALLATION AND MOUNTING

- Pole or pole-top mounting
 Ø 60 mm, 76 mm or square pole
- Wall, ceiling and surface-mounting
- No opening needed for mounting

Integrated driver for 16L and 32L versions, remote driver for 4L version

ACCESSORIES

Mounting accessories:

- Pole adapter 60 mm, 75 mm and wall adapter for Area version
- Distance plate for cabling
- Ground spike for floodlight

OPTICAL ACCESSORIES

- Shutter
 - Snoot/louvre
 - Cut-off shutter for AREA
 - IK10 frame with filter holder
- Electronic accessories:**
- Driver box S, L, DECO



FROM 102 LM/W (32L)
TO 109 LM/W (4L)



UP TO 100 000 HOURS L80
@ 25°C



3000 K
(2400 K, 2700 K,
4000 K AND RGBW
ON REQUEST)



80
(70 ON REQUEST)



FROM 8.6 W (4L)
TO 66.2 W (32L)



IP66



-30°C
+50°C



FROM 940 LM (4L)
TO 6330 LM (32L)



IK08
(IK10 WITH
ACCESSORY)



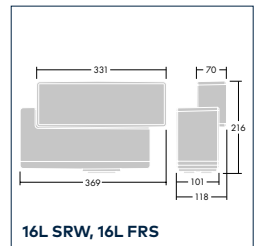
FLOODLIGHTS OPTICS:
8°, 9°, 18°, 30°, 45°,
12° x 43°

AREA AND STREET OPTICS:
NSC (NARROW STREET COMFORT),
MSC (MEDIUM STREET COMFORT),
AC (AREA COMFORT)

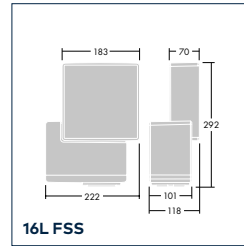
CONFIGURATION GUIDE

NS SRW FX 32L72-830 HFX CL1 SCN ANT

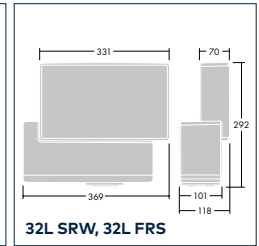
Range	Sub-Range	Mount	LED/mA	light source	controls	Class	Optic	Colour
NR	SRW	FX	32L72	830	HFX	CL1	SCN	ANT
								ANT Anthracite 900 Sanded (standard)
								CHM Charcoal
								WHM White Matte
							8°	8° Superspot
							9°	9° Spot
							18°	18° Mediumspot
							30°	30° Flood
							45°	45° Wideflood
							12x43°	12x43° Elliptical Beam
							SCN	Narrow Street Comfort
							SCM	Medium Street Comfort
							APC	Area Comfort
						CL1	Class 1	
						CL2	Class 2	
					HFX	DALI		
					NG	No driver / external driver, 4L only		
					SWD	switchDim onboard dimming for floodlights		
					DMX	DMX		
					RF	InCity radio frequency connection		
				730	CRI > 70, CCT 3000 K			
				740	CRI > 70, CCT 4000 K			
				824	CRI > 80, CCT 2400 K			
				827	CRI > 80, CCT 2700 K			
				830	CRI > 80, CCT 3000 K			
				840	CRI > 80, CCT 4000 K			
				RGBW	CRI > 80, CCT RGBW (3000 K)			
			4L75	4 LED, 750 mA, floodlight with external driver				
			4L93	4 LED, 930 mA, floodlight with external driver				
			16L45	16 LED, 450 mA, area luminaire				
			16L66	16 LED, 660 mA, floodlight				
			16L72	16 LED, 720 mA, area luminaire				
			32L45	32 LED, 450 mA, area luminaire				
			32L66	32 LED, 660 mA, floodlight				
			32L72	32 LED, 720 mA, area luminaire				
			1-2X4L75	External driver for 1 and 2 luminaires 4 LED 750 mA				
			1-2X4L93	Decorative external driver for 1 and 2 luminaires 4 LED 930 mA				
			3-5X4L75	External driver for 3 to 5 luminaires 4 LED 750 mA				
		FX	Luminaire head tiltable					
		AJ	Luminaire head rotatable and tiltable					
	SRW	Luminaire for street lighting, rectangular shaped, wall mounted						
	SRP	Luminaire for street lighting, rectangular shaped, pole mounted						
	FSS	Floodlight, square shaped, surface mounted						
	FRS	Floodlight, rectangular shaped, surface mounted						
	CBOX GT	External driver box for 4L luminaire						
NS	NIGHTSIGHT							



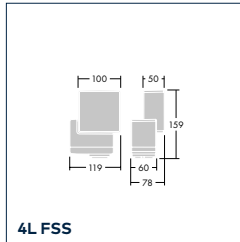
16L SRW, 16L FRS



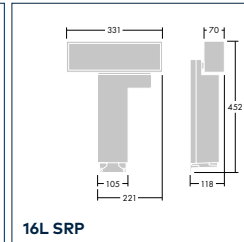
16L FSS



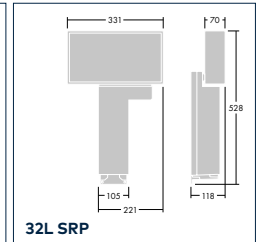
32L SRW, 32L FRS



4L FSS



16L SRP



32L SRP

Configure the ideal product solution with myProduct. The myProduct configurator allows you to easily configure a luminaire according to your needs. Try it now at www.thornlighting.com/myproduct

THORN

LIGHTING



5 YEAR GUARANTEE

As a globally leading luminaire manufacturer, Thorn Lighting provides a five-year warranty for its complete product range within all European Countries.

THORNLIGHTING.COM/GUARANTEE

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